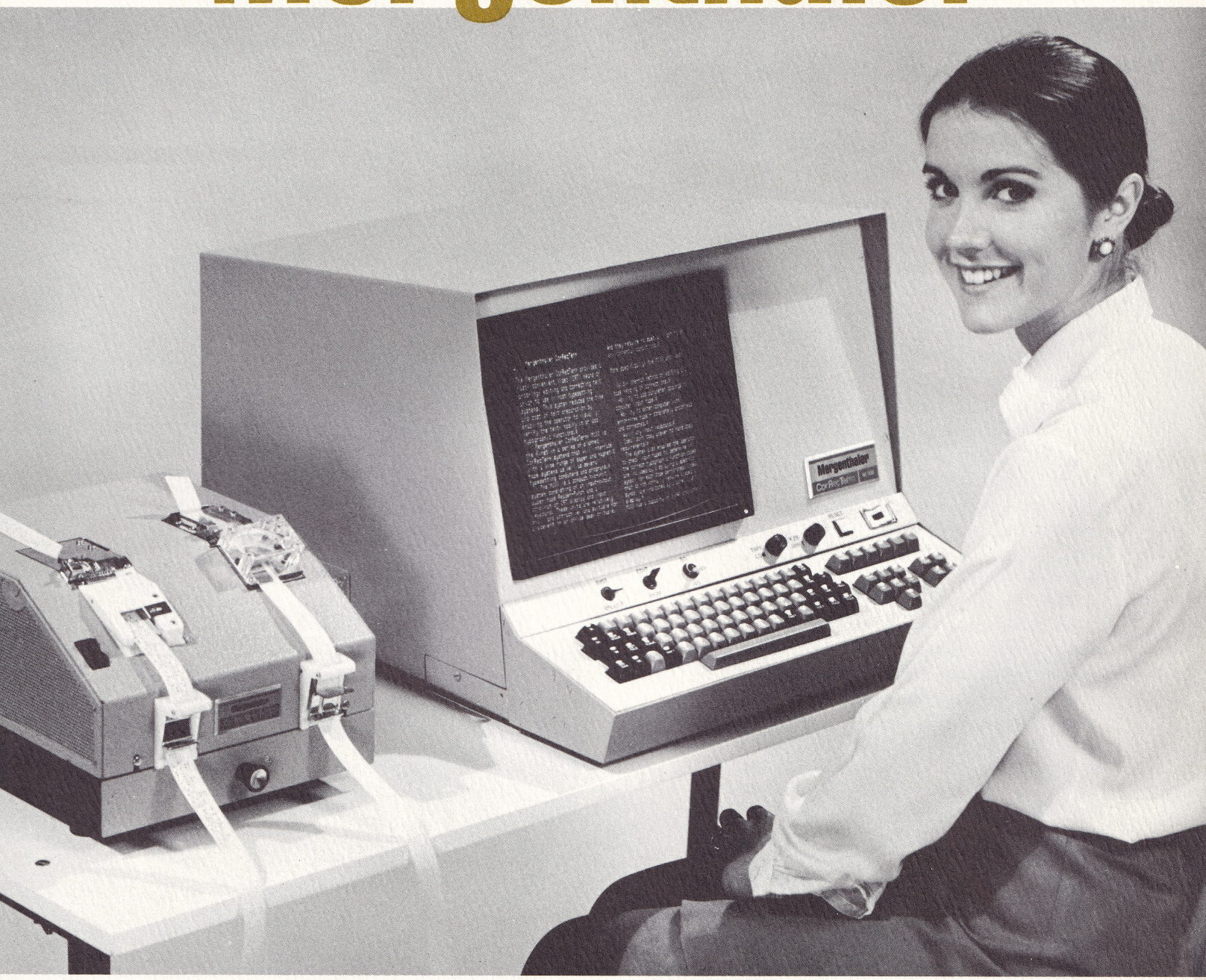
the Mergenthaler



CorRecTerm M/100

**an electronic method of
proofing, editing, correcting, and marking-up text
prior to use in typesetting systems.**

This new inexpensive system simplifies pretypesetting operations while virtually eliminating costly post-typesetting procedures.

Mergenthaler

CorRecTerm

M/100

The Mergenthaler CorRecTerm, M/100 is the first in a series of systems that merges the human capabilities of an editor, proofreader or mark-up man with a device that processes, memorizes, displays and transmits typesetting data at electronic speeds. Versions of the M/100 will interface with a wide range of paper and magnetic tape systems as well as several typesetting computers and programs.

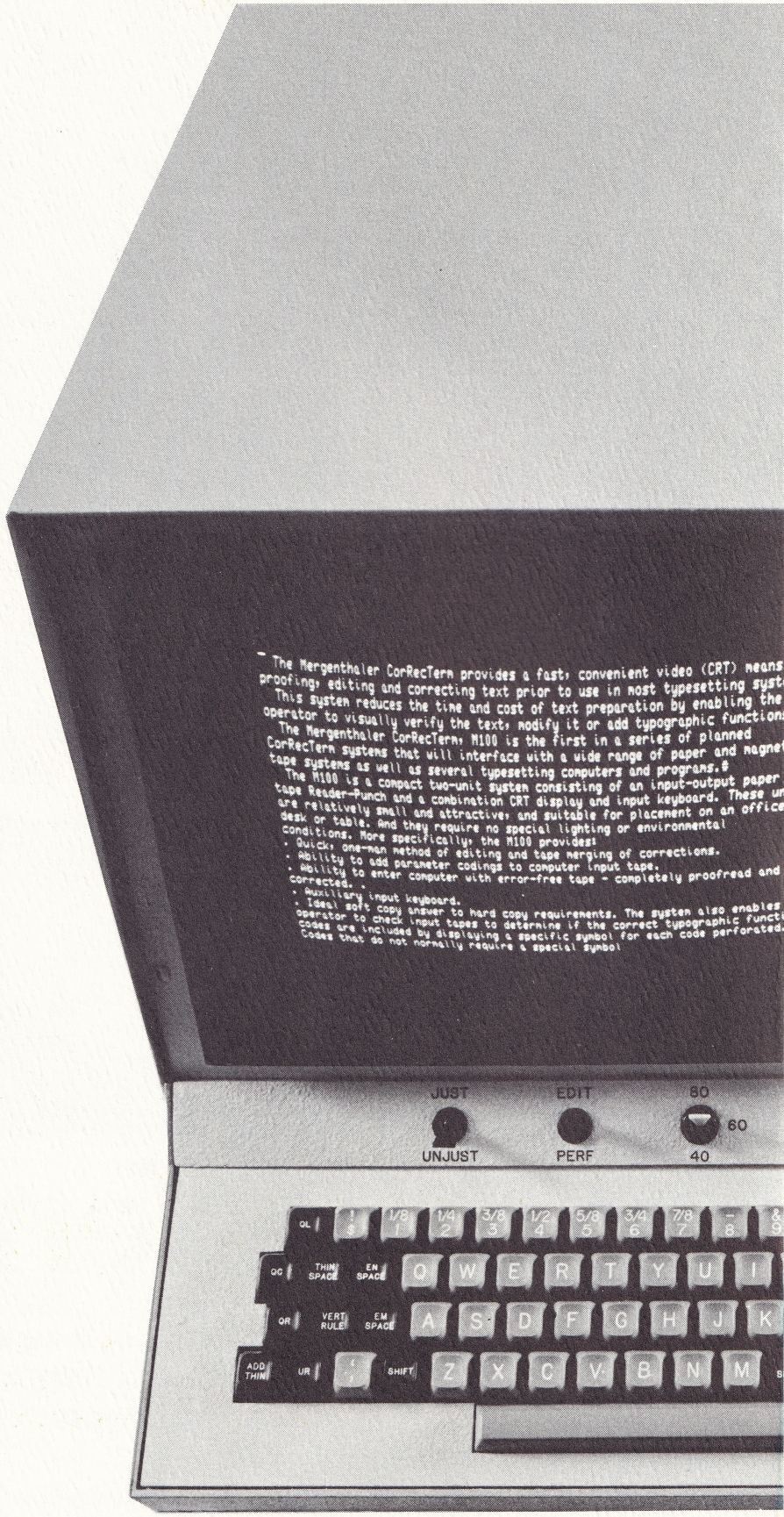
The M/100 is a compact, two-unit system consisting of an input/output standard 6-level paper tape Reader/Punch and a combination CRT display and input (TTS) keyboard. Functionally and aesthetically, these components are ideally suited to either office or plant.

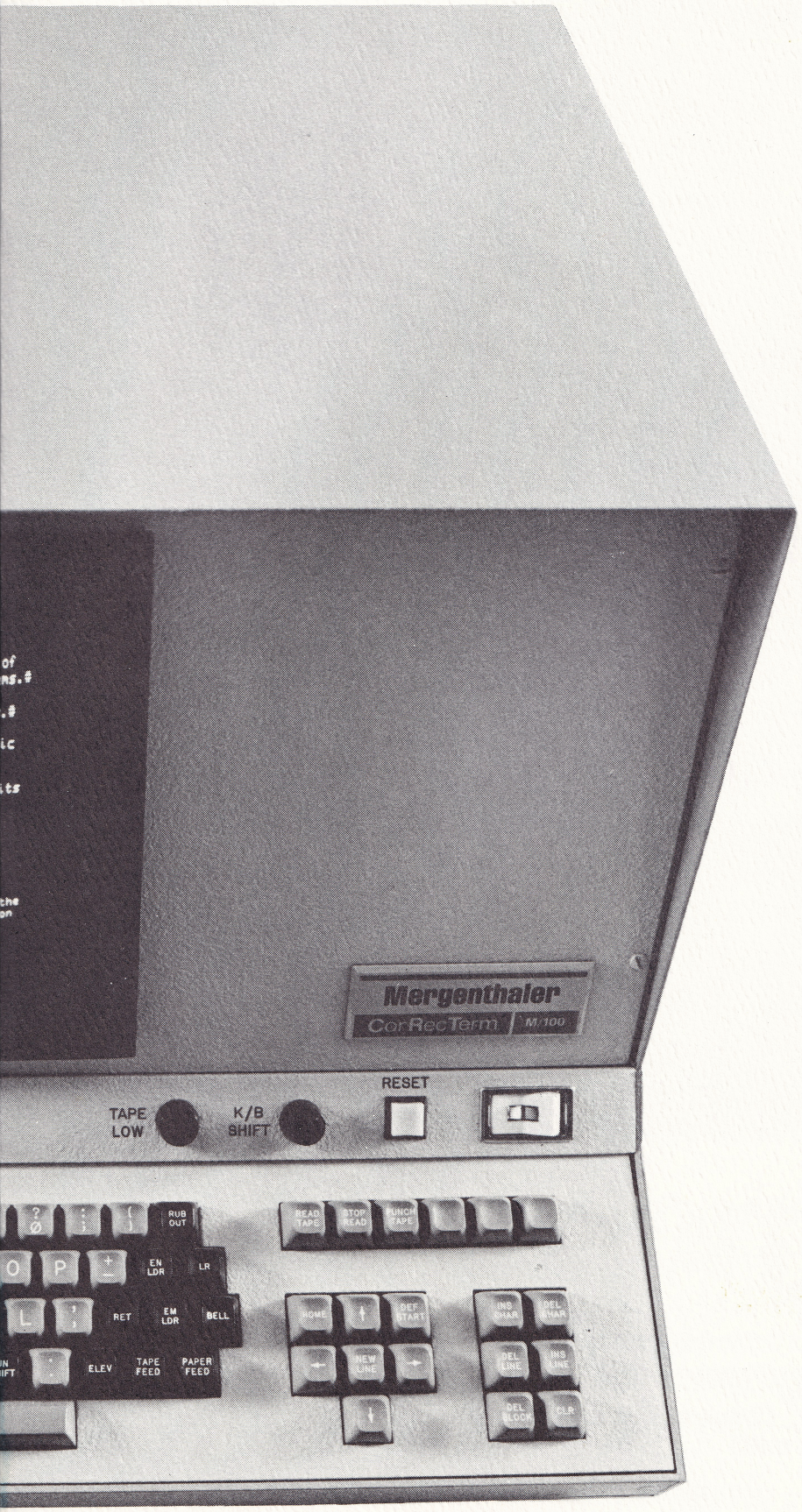
CorRecTerm Functions

The CorRecTerm serves these important pretypesetting functions:

- Provides fast, one-man method of editing and tape merging of corrections.
- Permits easy insertion of function or parameter codes to computer input tape.
- Provides efficient means of entering typesetting computer with error-free tape—completely proofread and corrected.
- Is "soft copy" answer to hard copy requirements.
- Provides auxiliary input keyboard station.

The system also enables the operator to examine, insert or change any alphanumeric or typographic function code on the input tape and to display a specific symbol for each code.





Display Features

The M/100 displays 14 point upper and lower case characters as white images on a 7 by 9 inch dark, non-reflecting screen. Up to 1920 characters can be displayed. However, the unit has a fully buffered storage capacity of 3,840 characters so that output tape may be punched of previously edited work while new input is displayed on the screen.

Input data may be displayed in one of four preselected formats: up to 48 lines of 40 characters in a two column arrangement, 24 lines of either 60 or 80 characters, and 24 lines of justified—line-by-line—input with up to 80 characters. The formats are programmable and may be changed to accommodate custom applications.

Characters are deposited serially, and as they are added or deleted, characters, words or blocks of characters are opened or closed up automatically. This is accomplished by control of a cursor that appears as an underline. This cursor is of the non-destructive type and its position indicates where the next character is to be deposited.

Simple Operational Controls

The operator has complete operational control. For example, he can add or change characters, words or copy blocks. He can reorder data, such as transposing paragraphs. He can "single step the reader" or let it run at 50 cps., even while the output punch is in operation. And he can suppress the typographic function codes from the visual display to increase readability.

The keyboard provides two groups of keys, an alphanumeric group and a control group. The alphanumeric group is of the standard TTS 63-key configuration. The control group includes: *cursor controls* that move the cursor left, right, up, down and home (top left of screen); *editing controls,* which change and delete characters, lines and blocks of text; *erase controls* that clear the screen after a specified character, or clear the entire screen for subsequent work.

Accessory Features

With all of the operational features directly associated with this system, there are important accessory features including: the keyboard can function as an auxiliary blind keyboard station; duplicate tapes can be made on the Reader/Punch at the 50 cps. rate.

M/100

SPECIFICATIONS

Display Formats (programmable):	Single col., 24 lines of 80 char. Single col., 24 lines of 60 char. Double col., 48 lines of 40 char. Line by line, 24 lines to 80 char.
Char. Size:	14 pt.
Char. Compliment:	98 u/lc.
Screen Size:	12″ diag.
Screen Capacity:	1920 Char.
Storage Capacity:	3840 Char.
Cursor:	Non-destructive underline
Controls:	Cursor — left, right, up, down, home and new line Editing — change and delete characters, lines and blocks of text Erase — clear screen and clear after specified character
Input/Output:	TTS standard code Reader/Punch, 50 cps. Output fully buffered
Electronics:	Solid state; I/C logic circuits
Power:	120 vac, 60 Hz, 2A
Size/Weight:	Display and Keyboard Unit 21″ wide x 23″ deep x 16″ high; 70 lbs. Reader/Punch 10⅞″ wide x 12⅜″ deep x 8″ high; 22 lbs.

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